

## 7. ABSTRACT OF THE DISCLOSURE

The present invention provides an optical module and a method for manufacturing the optical module, in which a V-shaped or trapezoidal groove having a first slope and a second slope facing to the first slope is formed at the surface of a silicon substrate by anisotropic etching, an adhesive is applied to a portion of at least the second slope in a region except the first slope of the groove, and lens is fixedly put in the groove.